

ABSTRACT

5 The present invention is directed towards a focus-position compensator for reducing
focus variations on a microlens array. The focus-position compensator comprises a plurality
of tiles that are affixed to a structure disposed between the lenslets of the microlens array and
the target of the collimated light from the lenslets. Each tile refractive index and tile thickness
is chosen to obtain a tile focus-position correction that will apply to a region of the microlens
10 array.